EAST Search History

EAST Search History (Prior Art)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|--|---|---------------------|---------|---------------------|
| S1 | 4 | ("20020028004" "20020067845" "20030016345" "5177802").PN. | US-PGPUB; USPAT | OR | ON | 2007/11/20 09:31 |
| S2 | 1 | 10/563962.app. | US-PGPUB; USPAT | OR | ON | 2007/11/20 10:51 |
| S13 | 1 | WO-200157784-\$.did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/11/20 09:35 |
| S14 | 1 | WO-200269244-\$.did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/11/20 09:36 |
| S19 | 1 | WO-9858342-\$.did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/11/20 09:38 |
| S20 | 2 | "5864296".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/11/20 09:52 |
| S21 | 6 | "5982914".pn. "6049620".pn. "6920236".pn. | US-PGPUB; USPAT; DERWENT | OR | ON | 2007/11/20 09:53 |
| \$22 | 3 | "5982914".pn. "6049620".pn. "6920236".pn. | US-PGPUB; USPAT | OR | ON | 2007/11/20 09:53 |
| \$23 | 0 | JP-200330632-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 10:52 |
| S24 | 2 | JP-2003030632-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 10:55 |
| S25 | 1 | "6970234".pn. | US-PGPUB; USPAT | OR | ON | 2007/11/20 10:52 |
| S26 | 8 | ("4787742" "4932776" "4936680" "5509083" "5546471" "5926261" "6349227" "6404904").PN. OR ("6970234").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 10:53 |
| S27 | 23 | 382/115,124,126.ccls. and (blood near3 vessel). ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 14:22 |
| \$28 | 10 | 382/115,124,126.ccls. and (IR (thermal with imag \$4)).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 11:04 |
| \$29 | 33 | \$27 \$28 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 10:55 |
| S30 | 1 | "5177802".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 10:55 |

| ····· | | ID 100500 # 4i4 | LIC DODLID. | | ONI | 0007/11/00 |
|------------|------|--|---|----|-----|---------------------|
| S31 | 0 | JP-103532-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 10:56 |
| S32 | 2 | JP-10003532-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/11/20 10:56 |
| S33 | 222 | 382/115,124,126.ccls. and (IR (thermal with imag \$4)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 11:04 |
| S34 | 159 | 382/115,124,126.ccls. and (blood near3 vessel) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 11:17 |
| S35 | 1 | "6970234".pn. and (blood with vessel) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 12:54 |
| S38 | 7 | 382/115,124,126.ccls. and (clean\$4).ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 14:49 |
| S39 | 234 | 382/115,124,126.ccls. and (clean\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/21 05:59 |
| S40 | 0 | 11/663293.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 14:50 |
| S41 | 2 | 09/945670.app. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/20 15:29 |
| S42 | 1 | 382/115,124,126.ccls. and ((clean\$4 with button) (brush with button)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/21 06:00 |
| S43 | 3 | 382/115,124,126.ccls. and ((clean\$4 with switch) (brush with switch)) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/21 06:00 |
| S44 | 6 | ("20020104957" "20030123714" "20050084138" "6289114" "7142699" "7200250").PN. | US-PGPUB; USPAT | OR | ON | 2007/11/21 06:26 |
| S45 | 1 | 10/563962.app. and (filter (filter with member)) | US-PGPUB; USPAT | OR | ON | 2009/02/19 12:44 |
| S46 | 1 | ("7200250".pn. "6970234".pn.) and (filter (filter with member)) | US-PGPUB; USPAT | OR | ON | 2009/02/19 12:46 |
| S47 | 0 | "6349227".pn. and (filter) | US-PGPUB; USPAT | OR | ON | 2009/02/19 12:54 |
| S48 | 2904 | 382/115,124-127.ccls. | US-PGPUB; USPAT | OR | ON | 2009/02/19 12:56 |
| S49 | 11 | 382/115,124-127.ccls. and (infrared and (filter same (light with receiving))) | US-PGPUB; USPAT | OR | ON | 2009/02/19 12:58 |
| S50 | 14 | 382/115,124-127.ccls. and (infrared and (filter\$3 same (light with receiving))) | US-PGPUB; USPAT | OR | ON | 2009/02/19 13:20 |
| S51 | 3 | S50 NOT S49 | US-PGPUB; USPAT | OR | ON | 2009/02/19 13:20 |
| S52 | 1 | "6603867".pn. | US-PGPUB; USPAT | OR | ON | 2009/02/19 15:15 |
| S53 | 25 | ("3602594" "4294544" "4443706" "4736203" "5229764" "5329359" "5335288" "5351126" "5515163" "5745591" "5886788" "6151118" "6330346" "6343140").PN. OR ("6603867").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/19 15:15 |
| S54 | 14 | S53 and filter\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/02/19 15:18 |

| S55 | 2 | 382/115,116,123,124,125,126,127.ccls. and | US-PGPUB; | OR | ON | 2009/08/25 |
|-----|------|---|--------------------------------|----|----|---------------------|
| | | (perpendicular\$2 same incident same filter\$3) | USPAT | | | 11:39 |
| S56 | 2622 | (perpendicular\$2 same incident same filter\$3) | US-PGPUB; USPAT | OR | ON | 2009/08/25 11:44 |
| S57 | 640 | ((perpendicular\$2 same incident same filter\$3) (polariz\$5 with filter\$3)) and "382".clas. | US-PGPUB; USPAT | OR | ON | 2009/08/25 11:51 |
| S58 | 66 | ((perpendicular\$2 same incident same filter\$3) (polariz\$5 with filter\$3)) and 382/115,116,123,124,125,126,127.ccls. | US-PGPUB; USPAT | OR | ON | 2009/08/25 11:51 |
| S59 | 9 | ((transmission transmit\$4) with light with perpendicular\$2) and 382/115,116,123,124,125,126,127.ccls. | US-PGPUB; USPAT | OR | ON | 2009/08/25 12:06 |
| S60 | 1 | DE-19818229-\$.did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/08/25 12:32 |
| S61 | 1 | "6404904".pn. | US-PGPUB; USPAT | OR | ON | 2009/08/25 12:32 |
| S62 | 4517 | ((perpendicular\$2 normal) same incident same filter\$3) | US-PGPUB; USPAT | OR | ON | 2009/08/25 12:49 |
| S63 | 71 | (((perpendicular\$2 normal) same incident same filter\$3) (polariz\$5 with filter\$3)) and 382/115,116,123,124,125,126,127.ccls. | US-PGPUB; USPAT | OR | ON | 2009/08/25 12:49 |
| S64 | 5 | S63 NOT S58 | US-PGPUB; USPAT | OR | ON | 2009/08/25 12:49 |
| S65 | 10 | ((transmission transmit\$4) with light with normal) and 382/115,116,123,124,125,126,127.ccls. | US-PGPUB; USPAT | OR | ON | 2009/08/25 12:50 |
| S66 | 51 | 382/115,116,123,124,125,126,127.ccls. and (filter \$3 same (backscattered back\$scattered scattered)) | US-PGPUB; USPAT | OR | ON | 2009/08/25 13:36 |
| S67 | 44 | 382/115,116,123,124,125,126,127.ccls. and (perpendicular\$2 same sensor same (imping\$3 transmission transmit\$3 pass\$3)) | US-PGPUB; USPAT | OR | ON | 2009/08/25 14:11 |
| S68 | 97 | ((perpendicular\$2 normal) same filter\$3) and 382/115,116,123,124,125,126,127.ccls. | US-PGPUB; USPAT | OR | ON | 2009/08/25 14:21 |
| S69 | 16 | ((perpendicular\$2 normal) same filter\$3) and (fingerprint same sensor).ab. | US-PGPUB; USPAT | OR | ON | 2009/08/25 14:57 |
| S70 | 27 | ((transmission transmit\$4) with light with (perpendicular\$2 normal)) and fingerprint\$3.ab. | US-PGPUB; USPAT | OR | ON | 2009/08/25 14:59 |
| S71 | 279 | ((transmission transmit\$4) with light with (perpendicular\$2 normal)) and fingerprint\$3 | US-PGPUB; USPAT | OR | ON | 2009/08/25 15:24 |
| S72 | 1 | 10/501113.арр. | US-PGPUB; USPAT | OR | ON | 2009/08/25 15:26 |
| S86 | 1 | WO-03063065-\$.did. | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/08/25 15:35 |
| S89 | 17 | (US-20060056661-\$ or US-20040252867-\$ or US-20080123908-\$).did. or (US-6349227-\$ or US-5177802-\$ or US-4701959-\$ or US-6603867-\$ or US-7053967-\$ or US-5812252-\$ or US-6553134-\$ or US-5448659-\$ or US-6404904-\$ or US-6061463-\$ or US-6011860-\$ or US-5736734-\$ or US-6826000-\$ or US-6657175-\$).did. | US-PGPUB; USPAT | OR | ON | 2010/02/23 11:18 |
| S90 | 1 | 10/563962.app. | US-PGPUB; USPAT | OR | ON | 2010/02/23 11:18 |

| S91 | 13 | S89 and lens | US-PGPUB; | OR | ON | 2010/02/23 |
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| | | | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | 11:51 |
| S92 | 6 | S39 and (lens with array) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 11:51 |
| S93 | 10 | 382/115,124,125.ccls. and ((lens with array) same scatter\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 11:52 |
| S94 | 5 | 382/115,124,125.ccls. and ((lens with array) same scatter\$4) and infrared | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 11:52 |
| S95 | 0 | EP-0052348-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 11:57 |
| S96 | 2 | EP-52348-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 11:57 |
| S97 | 6 | \$39 and (lens with array) and scatter\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:10 |
| S98 | 1 | "6970234".pn. | US-PGPUB; USPAT | OR | ON | 2010/02/23 12:18 |
| S99 | 1 | "7200250".pn. | US-PGPUB; USPAT | OR | ON | 2010/02/23 12:19 |
| S100 | 1 | "6657175".pn. | US-PGPUB; USPAT | OR | ON | 2010/02/23 12:19 |
| S101 | 1 | "4701959".pn. | US-PGPUB; USPAT | OR | ON | 2010/02/23 12:19 |
| S102 | 6 | S89 and (lens with array) and scatter\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:19 |

| S103 | 6 | S80 and (lens with array) | US-PGPUB; | OR | ON | 2010/02/23 |
|------|------|---|---|----|----|---------------------|
| | 0 | S89 and (lens with array) | USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | | | 12:19 |
| S104 | 21 | (US-20060056661-\$ or US-20040252867-\$ or US-20080123908-\$ or US-20080192988-\$).did. or (US-6349227-\$ or US-5177802-\$ or US-4701959-\$ or US-6603867-\$ or US-7053967-\$ or US-5812252-\$ or US-6553134-\$ or US-5448659-\$ or US-6404904-\$ or US-6061463-\$ or US-6011860-\$ or US-5736734-\$ or US-6826000-\$ or US-6657175-\$ or US-6970234-\$ or US-7200250-\$). did. or (EP-52348-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2010/02/23 12:20 |
| S105 | 40 | 382/115,124,125.ccls. and (((lens with array) (detector with array) (sensor with array) ('CMOS with array) ('CCD' with array)) same scatter\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:27 |
| S106 | 1 | WO-02101668-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:37 |
| S107 | 195 | 382/115,124,125.ccls. and (((lens with array) (detector with array) (sensor with array) ('CMOS with array) ('CCD' with array)) same (scatter\$4 reflect\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:45 |
| S108 | 12 | 382/115,124,125.ccls. and (((lens with array) (detector with array) (sensor with array) ('CMOS with array) ('CCD' with array)) same (scatter\$4 reflect\$4) same (correct\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:46 |
| S109 | 2907 | (((lens with array) (detector with array) (sensor with array) ('CMOS with array) ('CCD' with array)) same (scatter\$4 reflect\$4) same (correct \$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:51 |
| S110 | 431 | ((((lens with array) (detector with array) (sensor with array) ('CMOS' with array) ('CCD' with array)) same (scatter\$4) same (correct\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:51 |
| S111 | 20 | ((((lens with array) (detector with array) (sensor with array) ('CMOS with array) ('CCD' with array)) same (scatter\$4) same (correct\$4)) and "382".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:52 |

| S112 | 354 | lens with scatter\$4 with correct\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:59 |
|------|------|--|---|----|----|---------------------|
| S113 | 8 | S112 and "382".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 12:59 |
| S114 | 6 | ((lens near4 array) with correct\$4 with scatter\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 13:27 |
| S115 | 1 | ((micro\$lens) with correct\$4 with scatter\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 13:31 |
| S116 | 2 | "6859326".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 13:34 |
| S117 | 3545 | SELFOC | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 13:43 |
| S118 | 3163 | SELFOC with lens | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 13:43 |
| S119 | 87 | (SELFOC with lens) same scatter\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/02/23 13:43 |

EAST Search History (Interference)

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2/23/2010 3:42:07 PM

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